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>> s genetic material or nucleic acids
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= s Nucleic acids or genetic material
L1 109363 NUCLEIC ACIDS OR GENETIC MATERIAL

= s cell disruption or lysis
3 FILES SEARCHED...
L1 119304 CELL DISRUPTION OR LYSIS

= s immobilize or immobiliz?
L1 224204 IMMOBILIZE OR IMMOBILIZ?

= s 11 and 12
L1 735 L1 AND L2

= s 14 and 13
L1 39 L4 AND L3

= dup rem 15
PROCESSING COMPLETED FOR L5
L1 30 DUP REM L5 (9 DUPLICATES REMOVED)

= d 16 1-10

L6 ANSWER 1 OF 30 CAPLUS COPYRIGHT 2001 ACS
AN 2101:115394 CAPLUS
DU 134:175271
TI Cell counting method and kit
IN Rider, Janet Rosemary; Gilbert, Ruth; Turton, Richard
PA National Blood Authority, UK
SO PCT Int. Appl., 25 pp.
CODEN: PIXX02
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001011362	A1	20010113	WO 2000-582194	20000530
W:	AB, AC, AD, AE, AF, AG, AH, AI, AJ, AK, AL, AM, AN, AO, AP, AQ, AR, AS, AT, AU, AV, AW, AX, AY, AZ, BA, BB, BC, BD, BE, BF, BG, BH, BI, BJ, BK, BL, BM, BN, BO, BP, BQ, BR, BS, BT, BU, BV, BW, BX, BY, BZ, CA, CB, CC, CD, CE, CF, CG, CH, CI, CJ, CK, CL, CM, CN, CO, CP, CQ, CR, CS, CT, CU, CV, CW, CX, CY, CZ, DA, DB, DC, DD, DE, DF, DG, DH, DI, DJ, DK, DL, DM, DN, DO, DP, DQ, DR, DS, DT, DU, DV, DW, DX, DY, DZ, EA, EB, EC, ED, EE, EF, EG, EH, EI, EJ, EK, EL, EM, EN, EO, EP, EQ, ER, ES, ET, EU, EV, EW, EX, EY, EZ, FA, FB, FC, FD, FE, FF, FG, FH, FI, FJ, FK, FL, FM, FN, FO, FP, FQ, FR, FS, FT, FU, FV, FW, FX, FY, FZ, GA, GB, GC, GD, GE, GF, GG, GH, GI, GJ, GK, GL, GM, GN, GO, GP, GQ, GR, GS, GT, GU, GV, GW, GX, GY, GZ, HA, HB, HC, HD, HE, HF, HG, HH, HI, HJ, HK, HL, HM, HN, HO, HP, HQ, HR, HS, HT, HU, HV, HW, HX, HY, HZ, IA, IB, IC, ID, IE, IF, IG, IH, II, IJ, IK, IL, IM, IN, IO, IP, IQ, IR, IS, IT, IU, IV, IW, IX, IY, IZ, JA, JB, JC, JD, JE, JF, JG, JH, JI, JJ, JK, JL, JM, JN, JO, JP, JQ, JR, JS, JT, JU, JV, JW, JX, JY, JZ, KA, KB, KC, KD, KE, KF, KG, KH, KI, KJ, KK, KL, KM, KN, KO, KP, KQ, KR, KS, KT, KU, KV, KW, KX, KY, KZ, LA, LB, LC, LD, LE, LF, LG, LH, LI, LJ, LK, LL, LM, LN, LO, LP, LQ, LR, LS, LT, LU, LV, LW, LX, LY, LZ, MA, MB, MC, MD, ME, MF, MG, MH, MI, MJ, MK, ML, MM, MN, MO, MP, MQ, MR, MS, MT, MU, MV, MW, MX, MY, MZ, NA, NB, NC, ND, NE, NF, NG, NH, NI, NJ, NK, NL, NM, NO, NP, NQ, NR, NS, NT, NU, NV, NW, NX, NY, NZ, OA, OB, OC, OD, OE, OF, OG, OH, OI, OJ, OK, OL, OM, ON, OO, OP, OQ, OR, OS, OT, OU, OV, OW, OX, OY, OZ, PA, PB, PC, PD, PE, PF, PG, PH, PI, PJ, PK, PL, PM, PN, PO, PP, PQ, PR, PS, PT, PU, PV, PW, PX, PY, PZ, QA, QB, QC, QD, QE, QF, QG, QH, QI, QJ, QK, QL, QM, QN, QO, QP, QQ, QR, QS, QT, QU, QV, QW, QX, QY, QZ, RA, RB, RC, RD, RE, RF, RG, RH, RI, RJ, RK, RL, RM, RN, RO, RP, RQ, RR, RS, RT, RU, RV, RW, RX, RY, RZ, SA, SB, SC, SD, SE, SF, SG, SH, SI, SJ, SK, SL, SM, SN, SO, SP, SQ, SR, SS, ST, SU, SV, SW, SX, SY, SZ, TA, TB, TC, TD, TE, TF, TG, TH, TI, TJ, TK, TL, TM, TN, TO, TP, TQ, TR, TS, TT, TU, TV, TW, TX, TY, TZ, UA, UB, UC, UD, UE, UF, UG, UH, UI, UJ, UK, UL, UM, UN, UO, UP, UQ, UR, US, UT, UV, UW, UX, UY, UZ, VA, VB, VC, VD, VE, VF, VG, VH, VI, VJ, VK, VL, VM, VN, VO, VP, VQ, VR, VS, VT, VU, VW, VX, VY, VZ, WA, WB, WC, WD, WE, WF, WG, WH, WI, WJ, WK, WL, WM, WN, WO, WP, WQ, WR, WS, WT, WU, WV, WW, WX, WY, WZ, XA, XB, XC, XD, XE, XF, XG, XH, XI, XJ, XK, XL, XM, XN, XO, XP, XQ, XR, XS, XT, XU, XV, XW, XX, XY, XZ, YA, YB, YC, YD, YE, YF, YG, YH, YI, YJ, YK, YL, YM, YN, YO, YP, YQ, YR, YS, YT, YU, YV, YW, YX, YY, YZ, ZA, ZB, ZC, ZD, ZE, ZF, ZG, ZH, ZI, ZJ, ZK, ZL, ZM, ZN, ZO, ZP, ZQ, ZR, ZS, ZT, ZU, ZV, ZW, ZX, ZY, ZZ				

DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ,
CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

FRAT GB 1999-12631 A 19990828

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5) Kdk Corp; JP 11258231 A 1999 CAPLUS

6) Kyoto Daichikagaku Co Ltd; JP 11258231 A 1999 CAPLUS

7) Mirthy, V; BIOCHEMICAL MEDICINE AND METABOLIC BIOLOGY 1988, V40, P260
CAPLUS

8) Picard, F; CLINICAL CHEMISTRY AND LABORATORY MEDICINE 1999, V37(6), P681
CAPLUS

10) Scheer, W; AMERICAN JOURNAL OF CLINICAL PATHOLOGY 1987, P86 CAPLUS

ALL CITATIONS AVAILABLE IN THE RE FORMAT

16 ANSWER 2 OF 30 CAPLUS COPYRIGHT 2001 ACS

AN 2001:591204 CAPLUS

IN 135:149872

TI Pressure-enhanced extraction and purification

IN Laugharn, James A., Jr.; Hess, Robert A.; Tao, Feng

PA BBI Bioseq, Inc., USA

SO U.S., 26 pp., Cont.-in-part of U.S. 6,111,096.

CODEN: USXXAM

LT Patent

LA English

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FI	US 6174700	B1	20010814	US 1998-16062	19980130
	US 6111096	A	20000829	US 1997-962280	19971031
	US 6120945	A	20000819	US 1998-83651	19980522
	WO 9912878	A1	19990814	WO 1998-US23141	19981030
	W: AL, AM, AT, AU, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KH, KR, KZ, LC, LM, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, FW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	AU 9912950	A1	19990824	AU 1999-12836	19981030
	EP 1007160	A1	20000816	EP 1998-956405	19981030
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				

FRAT US 1997-962280 A2 19971031

US 1998-16062 A2 19980130

US 1998-83651 A 19980522

WO 1998-US23141 W 19981030

FE.CNT 27

FE

(1) Anon; EP 0127327 1984 CAPLUS

(2) Anon; WO 8731128 1987 CAPLUS

(6) Boyle, J; Trans Genet 1998, V11(1), P1 CAPLUS

(9) Carter, M; Nucleic Acids Research 1993, V21(4), P1044 CAPLUS

(10) Cathcart; US 5346999 1994 CAPLUS

ALL CITATIONS AVAILABLE IN THE RE FORMAT

16 ANSWER 3 OF 30 CAPLUS COPYRIGHT 2001 ACS

AN 2001:594421 CAPLUS

IN 135:163344

TI Method and device for simple nucleic acid analysis including cell
extraction, PCR and detection

RE

- (1) Anon; US 5821060 A 1998 CAPLUS
- (2) Buchardt, O; WO 9220703 A 1992 CAPLUS
- (3) Singh, S; CHEMICAL COMMUNICATIONS 1998, V4, P455
- (4) Singh, S; J OPG CHEM 1998, V63, P10035 CAPLUS

LO ANSWER 6 OF 30 CAPLUS COPYRIGHT 2001 ACS

AN 2000:646184 CAPLUS

DN 133:23355

TI A filter paper and process for the storage and rapid purification of nucleic acid

IN Smith, Martin A.; Iyer, Mridula; Qu, Daqing; Davis, James C.

PA Whatman, Inc., USA

SO PCT Int. Appl., 54 pp.

CODEN: PIXXES

PT Patent

LA English

EAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000053807	A1	20000914	WO 1999-US21557	19990917
	W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BE, BY, CA, CH, CN, CR, CU, DE, DK, DM, EE, ES, FI, GB, GD, GE, GR, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KB, KE, MD, RU, TJ, TM			
	FW:	BH, BM, BR, BS, BW, CH, CL, CO, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LJ, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	AU 9900481	A1	20000929	AU 1999-60481	19990917
	US 2001008746	A1	20010712	US 1999-39425	19990918
	US 2001018149	A1	20010418	US 2000-72627	20001130
PHAI	US 1999-113990	P	19990911		
	US 1999-110718	P	19990422		
	WO 1999-US21557	W	19990917		
	US 1999-398625	A3	19990918		
	US 1999-597848	A1	20000218		

RE.CNT 0

RE

- (1) Anderson; US 5922891 A 1999
- (2) Harvey; US 5939259 A 1999 CAPLUS
- (3) Immunological Associates Of Denver; WO 9846797 A1 1998 CAPLUS
- (4) Pinteleeff; Journal of Clinical Microbiology 1999, V37(2), P350 CAPLUS
- (5) Southgate; US 5863401 A 1999 CAPLUS

ALL CITATIONS AVAILABLE IN THE RE FORMAT

LO ANSWER 7 OF 30 CAPLUS COPYRIGHT 2001 ACS

AN 2000:658415 CAPLUS

DN 133:234742

TI Pressure-enhanced extraction and purification and cell lysis

IN Lauphar, James A., Jr.; Hess, Robert A.; Tao, Feng

PA BBI BioSeq, Inc., USA

SO U.S., 27 pp., Cont.-in-part of U.S. Ser. No. 16,062.

CODEN: USXXAM

PT Patent

LA English

EAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6123985	A	20000919	US 1998-83681	19980522

US 6111096 A 20000829 US 1997-962280 19971031
 US 6274726 B1 20010814 US 1998-16062 19980130
 WO 9922868 A1 19990814 WO 1998-US23141 19981030

W: AL, AM, AN, AO, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE,
 DK, EE, ES, FI, GB, GE, GH, GM, GR, HU, ID, IL, IS, JP, KE, KG,
 KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX,
 NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT,
 UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 BW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES,
 FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI,
 CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

AT 991293 A1 19990824 AU 1999-12936 19981030
 EP 112716 A1 20000816 EP 1998-956405 19981030

E: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, FI
 FRAI US 1997-962280 A2 19971031
 US 1998-16062 A2 19980130
 US 1998-16061 A 19980522
 WO 1998-US23141 W 19981030

RE.CNT 5

RE

- (1) Cathcart; US 5546999 1994 CAPLUS
- (2) Fahy; US 4859298 1985 CAPLUS
- (3) Mozhaev; TIBTECH 1994, VII, P493 CAPLUS
- (4) O'Farrell; US 4325439 1981 CAPLUS
- (5) Simpson; US 5615839 1997 CAPLUS

L6 ANSWER 8 OF 50 CAPLUS COPYRIGHT 2001 ACS

AN 2000:623595 CAPLUS

IN 133:327740

TI Bacterial ghosts as carrier and targeting vehicles

IN Huter, Veronika; Lubitz, Werner

FA Austria

SO Ger. Offen., 10 pp.

CODEN: GWXBXN

IT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FI	DE 19909770	A1	20000907	DE 1999-19909770	19990305
	WO 200008168	A1	20000914	WO 2000-EP1906	20000303
W:	AF, AL, AM, AN, AO, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU,				
	DE, DK, EE, ES, FI, GB, GE, GH, GM, GR, HU, ID, IL, IN, IS,				
	JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MT,				
	MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI,				
	SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, ZA, ZW, AM,				
	AT, BY, KG, KE, MD, RU, TJ, TM				
BW:	GH, GM, KE, LS, MW, SD, SL, SE, TZ, UG, ZW, AT, BE, CH, CY, DE,				
	DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,				
	CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				

FRAI DE 1999-1-909770 A 19990305

L6 ANSWER 9 OF 50 CAPLUS COPYRIGHT 2001 ACS

AN 1999:723210 CAPLUS

IN 131:334351

TI Integrated method and device for nucleic acid extraction, purification and

detection using electric field and affinity binding

IN Bernhagen, Jurgen; Brunner, Herwig; Vitzthum, Frank; Elkins, Bentsian;
 Geiger, Georg; Tovar, Eunter

PA Fraunhofer-Gesellschaft zur Forderung der Angewandten Forschung e.V.,
Germany

SO PCT Int. Appl., 55 pp.

CODEN: PIXXD2

DT Patent

LA German

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FI	WO 9957314	A1	19991111	WO 1999-EP3047	19990504
	W: AU, CA, HU, IL, JP, US				
	EW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
DE	19819889	A1	19991111	DE 1998-19819889	19980504
AU	9940366	A1	19991123	AU 1999-40366	19990504
EP	1175848	A1	20010214	EP 1999-923521	19990504
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
DE	11006491	A1	20000814	DE 2000-10006491	20000214
WO	2100049173	A2	20100814	WO 2000-EP1201	20000214
	W: AU, CA, CN, JP, US				
	EW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
EP	DE 1998-19819889	A	19980504		
DE	1999-19906277	A	19990815		
WO	1999-EP3047	W	19990504		

FE.CNT 5

FE

- (1) Baylor College Medicine; WO 9322678 A 1993 CAPLUS
- (2) Bertling Wolf Prof Dr; DE 29702254 U 1997
- (3) Chee Mark Lai Chaoqiang; WO 9727317 A 1997 CAPLUS
- (4) Genetics Int Inc; WO 8605815 A 1986 CAPLUS
- (5) Life Technologies Inc; EP 1301899 A 1989 CAPLUS

IG ANSWER 10 OF 30 CAPLUS COPYRIGHT 2001 ACS

AN 1999:375749 CAPLUS

DN 131:3513

TI Method and device for disintegrating biological cells for the purpose of extracting and analyzing cell contents

IN Guth, Achim; Vohrer, Uwe; Bernhagen, Jergen; Elkin, Bentsian; Tovar, Gunter; Kolblin, Rudiger; Schule, Andreas; Vitathum, Frank

PA Fraunhofer Gesellschaft zur Forderung der Angewandten Forschung e.V.,
Germany

SO PCT Int. Appl., 25 pp.

CODEN: PIXXD1

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FI	WO 9928742	A1	19990610	WO 1998-DE2979	19981008
	W: CA, HU, IL, JP, US				
	EW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
DE	19750961	C1	19990715	DE 1998-19750961	19981128
EP	1034428	A1	20100913	EP 1998-081997	19981118
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE, PT, IE, FI				
EP	DE 1998-19750961	A	19981128		
WO	1998-DE2979	W	19981008		

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RE

(1) Abbott Lab; WO 9426867 A 1994 CAPLUS
 (2) Baylor College Medicine; EP 0710718 A 1996
 (3) Ciba Geigy AG; DE 3733927 A 1988 CAPLUS
 (4) Kernforschungsanlage Juelich; EP 0128866 A 1984
 (5) Solent Equipment Design & Dev; WO 9118103 A 1991 CAPLUS

Ad d 16 11-30

LG ANSWER 11 OF 30 CAPLUS COPYRIGHT 2001 ACS
 AN 1999:364445 CAPLUS
 EN 181:29566
 TI Devices and methods for detecting target molecules in biological samples
 IN Muir, Andrew R.; Boles, Truett C.; Adams, Christopher P.
 PA Mosaic Technologies, USA
 SO PCT Int. Appl., 124 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FI	WO 9926724	A2	19990603	WO 1998-US24918	19981125
	WO 9926724	A3	19990902		
	W:		AL, AM, AT, AU, AS, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, VE, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ,		
IN					
	FW:		GH, GM, KE, LS, MW, SE, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG		
	AU 9915975	A1	19990615	AU 1999-15975	19981125
	EP 1034040	A2	20000913	EP 1998-960365	19981125
	R:		AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI		
	US 6251660	B1	20010626	US 1998-200126	19981125
FRAT	US 1997-06503	P	19971125		
	WO 1998-US24918	W	19981125		

LG ANSWER 12 OF 30 CAPLUS COPYRIGHT 2001 ACS
 AN 1998:25400 CAPLUS
 EN 128:111586
 TI Purification of target **nucleic acids** of virus or bacteria using particle-**immobilized** DNA probes
 IN En, Kamei; Kitasima, Masaaki; Kasai, Kiyoshi; Gyekuno, Shigeru
 PA Japan Synthetic Rubber Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 12 pp.
 CODEN: JEXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FI	JP 10001493	A2	19980106	JP 1997-39135	19971224
FRAT	EP 1998-101810		19980201		

LG ANSWER 13 OF 30 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 1
 AN 1998:178345 BIOSIS
 EN PREV199810178345

TI Soluble FasR ligand-binding domain: High-yield production of active fusion
 and non-fusion recombinant proteins using the baculovirus/insect cell system.
 AU Minicou, Jerome; Abastado, Jean-Pierre; Cabanie, Lucien; Godeau, Francois
 CS 1) INSERM U 267, Hopital Paul Brousse, 12-14 avenue Paul
 Vaillant-Couturier, 94807 Villejuif Cedex France
 SO Biochemical Journal, (March 1, 1998) Vol. 330, No. 2, pp. 1051-1058.
 ISSN: 0264-6021.
 DT Article
 LA English

LG ANSWER 14 OF 30 CAPLUS COPYRIGHT 2001 ACS
 AN 1996:066995 CAPLUS
 DN 1.5:066940
 TI Process for isolating a biological material
 IN Eienhaus, Gerhard; Fritz, Michael; Schwab, Juergen; Geisler, Edda;
 Hartwig, Herbert; Macho, Heinz
 RA Eoehringer Mannheim GmbH, Germany
 SO Eur. Pat. Appl., 14 pp.
 CODEN: EPXXDW
 DT Patent
 LA German
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP	EP 734749	A2	19961002	EP 1996-104919	19960328
	EP 734749	A3	19961120		
	R: CH, DE, ES, FR, GB, IT, LI, NL				
DE	19512361	A1	19961002	DE 1995-19512361	19950401
US	6188681	B1	20010710	US 1996-622016	19960326
NO	9601271	A	19961002	NO 1996-1271	19960329
JP	06-178903	A2	19961002	JP 1996-78900	19960401
IT	2483845	B2	19990419		
EPAI	DE 1995-19512361	A	19950401		

LG ANSWER 15 OF 30 CAPLUS COPYRIGHT 2001 ACS
 AN 1996:055068 CAPLUS
 DN 1.5:059883
 TI System for release and isolation of **nucleic acids**
 IN Eienhaus, Gerhard; Schubert, Ulrich; Kolb, Uwe; Stolz, Burhard; Pasch, Manfred
 RA Eoehringer Mannheim GmbH,, Germany
 SO Ger. Offen., 17 pp.
 CODEN: GWXXBX
 DT Patent
 LA German
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP	DE 19512368	A1	19961002	DE 1995-19512368	19950401
WO	9601781	A1	19961010	WO 1996-EP1368	19960328
	W: JP, US				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LI, MC, NL, PT,				
SE	EP 819088	A1	19961001	EP 1996-819143	19960328
	R: AT, CH, DE, ES, FR, GB, IT, LI, NL				
JP	11803315	T2	19961002	JP 1996-829301	19960329
US	6117398	A	20010912	US 1996-831047	19960217
EPAI	DE 1995-19512368	A	19950401		

WD 1996-EP1368 W 19960328

L6 ANSWER 16 OF 30 CAPLUS COPYRIGHT 2001 ACS
AN 1996:89343 CAPLUS
DN 124:111769
TI Universal process for isolating and purifying **nucleic acids** from extremely small amounts of various highly contaminated starting materials
IN Hillebrand, Timo; Bendzko, Peter; Peters, Lars-Erik
PA Invited GmbH, Germany
SO ECT Int. Appl., 27 pp.
CODEN: PIXXDE

DT Patent

LA German

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9534569	A1	19951221	WO 1995-DE787	19950614
	W: JP, KR, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	DE 4421040	A1	19951221	DE 1994-4422040	19940614
	DE 4421044	A1	19951221	DE 1994-4422044	19940614
	DE 4447015	A1	19960704	DE 1994-4447015	19941230
	DE 4447015	C2	19970911		
	EP 765335	A1	19970402	EP 1995-921702	19950614
	EP 765335	B1	19990901		
	R: AT, BE, CH, DE, DK, ES, FR, GB, IT, LI, LU, NL, SE				
	JP 10501246	T2	19980203	JP 1995-571476	19950614
	US 6037465	A	20000314	US 1996-750091	19961216
PBAI	DE 1994-4422040		19940614		
	DE 1994-4422044		19940614		
	DE 1994-4447015		19941230		
	WO 1995-DE787		19950614		

L6 ANSWER 17 OF 30 CAPLUS COPYRIGHT 2001 ACS
AN 1993:187363 CAPLUS
DN 118:187363
TI Process for lysing liposome membrane, and use for immunoassay
IN Fujita, Minoru; Kida, Masaaki
PA Wako Pure Chemical Industries, Ltd., Japan
SO Eur. Pat. Appl., 27 pp.
CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 524788	A1	19930127	EP 1992-306616	19920720
	EP 524788	B1	19970212		
	R: BE, CH, DE, ES, FR, GB, IT, LI, NL				
	CA 2074151	AA	19930124	CA 1992-2074151	19920717
	JP 05273213	A0	19931022	JP 1992-217272	19920723
	US 5501953	A	19960326	US 1994-203485	19940226
PBAI	JP 1991-206571		19910723		
	US 1992-914136		19920717		

L6 ANSWER 18 OF 30 CAPLUS COPYRIGHT 2001 ACS
AN 1992:484655 CAPLUS
DN 117:484655
TI Preparation of nucleic acid samples for amplification
IN Lin, Lily; Isaacs, Stephen T.; Hearst, John E.

PA Hri Research, Inc., USA
 SO PCT Int. Appl., 117 pp.
 CODEN: PIKXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 910817	A1	19920529	WO 1991-US8492	19911113
	W: AU, CA, JP				
	FW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, NL, SE				
	US 5184940	A	19940208	US 1990-614921	19901114
	AU 9190590	A1	19920611	AU 1991-90580	19911113
	EP 917449	A1	19930901	EP 1992-901200	19911113
	EP 917449	B1	20000405		
	F: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
	AT 191519	E	20000415	AT 1992-901200	19911113
	US 5064179	A	19970805	US 1994-317220	19941003
	US 5021859	A	19971415	US 1994-332616	19941031
PRAI	US 1991-614921		19911114		
	WO 1991-US8492		19911113		
	US 1992-901545		19920619		
	US 1993-44649		19930408		

L6 ANSWER 19 OF 30 CAPLUS COPYRIGHT 2001 ACS
 AN 1992:441916 CAPLUS
 DN 117:41916
 TI Detecting microorganisms associated with vaginal infections by nucleic acid hybridization
 IN Sneiness, Diana K.; Adams, Trevor H.
 PA Microprobe Corp., USA
 SO PCT Int. Appl., 62 pp.
 CODEN: PIKXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9007095	A1	19910430	WO 1991-US7763	19911021
	W: JP				
	FW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, NL, SE				
	EP 514399	A1	19930811	EP 1991-919934	19911021
	EP 514399	B1	19930109		
	F: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
	JP 06502105	T2	19940317	JP 1991-518485	19911021
	AT 161499	E	19930115	AT 1991-919934	19911021
	ES 2112864	T3	19980416	ES 1991-919934	19911021
	US 5701636	A	19971223	US 1993-133598	19931008
	US 5084418	A	19970805	US 1995-460344	19950602
	US 5776694	A	19980707	US 1997-886999	19970702
PRAI	US 1991-600334		19911019		
	WO 1991-US7763		19911021		
	US 1992-896094		19920529		
	US 1993-133598		19931008		
	US 1995-460344		19950602		

L6 ANSWER 20 OF 30 CAPLUS COPYRIGHT 2001 ACS
 AN 1992:251657 CAPLUS
 DN 116:251657
 TI Apparatus and method for isolating nucleic acids from cell suspensions

IN Henco, Karsten; Colpan, Metin; Feuser, Petra
 PA Biagen Institut fuer Molekularbiologische Diagnostik GmbH, Germany
 SO Ger. Offen., 5 pp.
 CODEN: GWXXBX

DT Patent
 LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 4 340 36	A1	19920430	DE 1990-4034036	19901026
	DE 4 340 36	C2	19940303		
	WO 91/7163	A1	19920514	WO 1991-EP2017	19911024
	W: JP, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, NL, SE				
	EP 518271	A1	19930818	EP 1991-918495	19911024
	EP 518271	B1	19950503		
	R: DE, FR, GB				
	US 5082141	A	19970719	US 1995-442100	19950516
EP AI	DE 1990-4034036		19911026		
	WO 1991-EP2017		19911024		
	US 1993-39468		19930426		

L6 ANSWER 21 OF 30 CAPLUS COPYRIGHT 2001 ACS
 AN 1991:049899 CAPLUS
 EN 118:249899
 TI Using lactam-containing reaction medium to improve nucleic acid hybridization

IN Van Ness, Jeffrey; Vermeulen, Nicolaas M. J.
 PA Microprobe Corp., USA
 SO EPT Int. Appl., 37 pp.
 CODEN: PIXX02

DT Patent
 LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9102088	A1	19910221	WO 1990-US4152	19900724
	W: AU, CA, JP				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, IT, LU, NL, SE				
	AU 9061445	A1	19910311	AU 1990-61445	19900724
	US 5116731	A	19920421	US 1990-558896	19900727
	US 5116529	A	19941227	US 1991-607525	19911213
EP AI	US 1990-384235		19900724		
	WO 1990-US4152		19900724		
	US 1990-558896		19910727		

CF MARPAT 118:149599

L6 ANSWER 12 OF 30 CAPLUS COPYRIGHT 2001 ACS
 AN 1990:118989 CAPLUS
 EN 113:118989
 TI Acridinium esters, liposomes containing them and their use in luminescence assay

IN Law, Say Jong; Piran, Uri
 PA Ciba Corning Diagnostics Corp., USA
 SO Eur. Pat. Appl., 18 pp.
 CODEN: EPAX0W

DT Patent
 LA English

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	EP 353971	A2	19900207	EP 1989-307752	19890731
	EP 353971	A3	19901010		
	EP 353971	B1	19960207		
	R: BE, DE, FR, GB, IT, LU, NL				
	AU 8939033	A1	19900208	AU 1989-39033	19890727
	AU 634716	B2	19930304		
	JP 01098567	A2	19900409	JP 1989-199178	19890731
	JP 09071422	A2	19970128	JP 1996-179488	19890731
	CA 1339490	A1	19971007	CA 1989-607098	19890731
	AU 9337034	A1	19930401	AU 1993-32034	19930127
	AU 634714	B2	19941117		
	US 5686100	A	19970812	US 1995-440427	19950512
PFAI	US 1988-826639		19880801		
	JP 1989-199178		19890731		
	US 1991-826186		19920122		
	US 1993-82521		19930317		
	US 1994-825845		19941019		
CS	MARPAT 113:123989				

L6 ANSWER 13 OF 30 CAPLUS COPYRIGHT 2001 ACS

AN 1989:150062 CAPLUS

DN 111:150062

TI Nucleic acid sequence determination by hybridization probe and its use in the identification of microorganisms and prokaryotic or eukaryotic DNA

and

in clinical diagnosis

IN Dattagupta, Nanibhushan; Rabin, Daniel; Rae, Peter; Huguenel, Edward

PA Molecular Diagnostics, Inc., USA

SO Eur. Pat. Appl., 31 pp.

DDEN: EPXXDW

BT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	EP 251907	A2	19880914	EP 1988-103221	19880303
	EP 251907	A3	19910417		
	EP 251907	B1	19950628		
	R: CH, DE, ES, FR, GB, GR, IT, LI, NL, SE				
	CA 1314794	A1	19930323	CA 1987-553597	19871204
	AU 8612151	A1	19860915	AU 1986-12151	19860223
	AU 601001	B2	19900830		
	JP 63313599	A2	19881221	JP 1988-56517	19880311
	US 5348455	A	19940920	US 1991-772625	19911004
PFAI	US 1987-24643		19870311		
	US 1986-936378		19860305		
	US 1986-943006		19861229		

L6 ANSWER 24 OF 30 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 2

AN 1988:199052 BIOSIS

DN B985:100399

TI QUANTIFICATION OF ALPHA AMYLASE MESSENGER RNA IN BACILLUS-SUBTILIS BY NUCLEIC ACID SANDWICH HYBRIDIZATION.

AU PALNA A; NYBERG K; PALNA I

CS RECOMBINANT DNA LAB., UNIV. HELSINKI, VALIMOTIE 7, SF-00350 HELSINKI, FINLAND.

SO DNA (N.Y.), (1988) 7: 2, 139-140.

DDEN: DNABSF. ISSN: 0194-1239.

ES BA; OLD

LA English

L6 ANSWER 25 OF 30 CAPLUS COPYRIGHT 2001 ACS

AN 1988:477719 CAPLUS

DN 109:79719

T1 Functionalized pharmaceutical liposomes containing an amphiphilic compound, especially lipopolysaccharides, in the membrane matrix.

IN Kida, Masaaki; Kitabata, Isako; Kubotsu, Kazuhisa; Sakata, Yoshitsugu

PA Wako Pure Chemical Industries, Ltd., Japan

SO Eur. Pat. Appl., 19 pp.

CODEN: EPXNDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 247437	A2	19871112	EP 1987-117259	19870819
	EP 247437	A3	19880914		
	EP 247437	B1	19920314		
	R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE				
	JP 63006561	A2	19880417	JP 1986-242746	19861013
	JP 67107135	B4	19951115		
	US 4461197	A	19830819	US 1987-51349	19870819
	AT 71973	E	19921318	AT 1987-117259	19870819
	ES 2082776	T3	19930301	ES 1987-107259	19870819
	JP 63107742	A2	19880912	JP 1987-123542	19870820
EPAI	JP 1986-119405		19860910		
	JP 1986-242746		19861013		
	EP 1987-107259		19870519		

L6 ANSWER 16 OF 30 CAPLUS COPYRIGHT 2001 ACS

AN 1988:1-11397 CAPLUS

DN 108:18397

T1 Method and kit for rapid detection of nucleic acid sequences in a sample by labeling the sample

IN Dattagupta, Nanibhushan; Ede, Peter M. M.; Eabin, Daniel U.; Huguenel, Edward D.

PA Molecular Diagnostics, Inc., USA

SO Eur. Pat. Appl., 29 pp.

CODEN: EPXNDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 225776	A2	19870909	EP 1987-102577	19870224
	EP 225776	A3	19880810		
	EP 225776	B1	19930819		
	R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, NL, SE				
	NO 8701613	A	19870907	NO 1987-613	19870217
	CA 1298535	A1	19920811	CA 1987-530235	19870220
	AT 64606	E	19930615	AT 1987-102577	19870224
	FI 8010925	A	19870906	FI 1987-923	19870303
	DK 8011120	A	19870906	DK 1987-1120	19870304
	ZA 8701354	A	19871030	ZA 1987-1554	19870304
	AT 8763723	A1	19870910	AT 1987-69723	19870305
	AT 899083	B2	19900712		
	JP 62265994	A2	19871118	JP 1987-51169	19870305
	CA 1314794	A1	19930323	CA 1987-553597	19871204
	US 5343865	A	19940920	US 1991-772625	19911204
EPAI	US 1986-534373		19860305		
	US 1986-943016		19861229		

EP 1987-102577 19870224
US 1987-24643 19871311

L6 ANSWER 27 OF 30 CAPLUS COPYRIGHT 2001 ACS

AN 1985:128356 CAPLUS

BN 172:128356

TI Determining nucleotide sequences in cells and isolating **nucleic acids** from cells

IN Cox, Robert Ashley; Smulian, Nadia Jane

PA National Research Development Corp., UK

SO ECT Int. Appl., 31 pp.

QUEN: PIXXD2

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	----	-----	-----
PI	WO 8404382	A1	19841108	WO 1984-GB145	19840427
	W: JP, US				
EP	127327	A1	19841205	EP 1984-302865	19840427
	P: CH, DE, FR, GB, IT, LI, NL				
JP	60501141	T2	19850725	JP 1984-501865	19840427
EP-A1	GB 1983-11905		19830429		
	WO 1984-GB145		19840427		

L6 ANSWER 28 OF 30 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 3

AN 1984:194212 BIOSIS

BN BA77:27196

TI QUICK ELDT SELECTIVE MESSENGER RNA OR DNA **IMMOBILIZATION** FROM WHOLE CELLS.

AI PRESSER J; DOERING J; GILLESPIE D

CS BARRY ASHBEY LEUKEMIA RES. LAB., HAHNEMANN UNIV. MED. SCH., BROAD AND VINE

ST., PHILADELPHIA, PA. 19102.

SO DNA (N Y), (1983) 2 (3), 243-254.

QUEN: DNAADR. ISSN: 0193-0233.

PA: OLI

LA English

L6 ANSWER 29 OF 30 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 4

AN 1981:163591 BIOSIS

BN BA71:33553

TI PYRITINE NUCLEOTIDE TRANSHYDROGENASE EC-1.6.1.1 FROM AZOTOBACTER-VINELANDII DIFFERENCES IN PROPERTIES BETWEEN THE PURIFIED AND THE CELL-FREE EXTRACT ENZYME.

AI VROEDUW G; VAN DER VIES S; SCHOLTEN J W; VEEGER C

CS LAB. BIOCHEM., LANDBOUWHOGESCH., DE DREIJEN 11, NL-6703-BC WAGENINGEN, NETH.

SO EMB J BIOCHEM, (1980) 107 (2), 337-344.

QUEN: EMBTAL. ISSN: 0014-2956.

PA: OLI

LA English

L6 ANSWER 30 OF 30 CAPLUS COPYRIGHT 2001 ACS

AN 1771:416014 CAPLUS

BN 77:416014

TI **Immobilization** and localization of RNA in cesium chloride gradients with polyacrylamide gels

AI Cole, Thomas A.

CS Dep. Biol., Wabash Coll., Crawfordsville, Indiana, USA

SO Anal. Biochem. 1971, 41 1, 274-8

DDEN: ANBCA2
DT Journal
LA English

=> s silica
L7 396546 SILICA

=> s 14 and 17
L8 24 L4 AND L7

=> dup rem 18
PROCESSING COMPLETED FOR L8
L8 12 DUP REM L8 (6 DUPLICATES REMOVED)

=> d 19 1-10

L9 ANSWER 1 OF 22 CAPLUS COPYRIGHT 2001 ACS
AN 2001:432283 CAPLUS
DN 135:73691
TI Integrated microfluidic disc for sequential nucleic acid template
purification and thermocycling reaction and product purification
IN Tooke, Nigel Eric; Andersson, Per X.
PA Gyros AB, Swed.
SO ECT Int. Appl., 27 pp.
DDEN: PIXXD:
DT Patent
LA English
FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001047635	A2	20010705	WO 2000-EP13014	20001220
	W:				
	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BF, BY, BZ, CA, CH, CN,				
	CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GE, GD, GE, GH, GM, HR,				
	RU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,				
	LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NC, NZ, PL, PT, RO, RU,				
	SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN,				
	YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, HE, IS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,				
	DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,				
	BT, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	WO 2000041755	A1	20000713	WO 1999-EP10347	19991223
	W:				
	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BF, BY, CA, CH, CN, CU, CZ,				
	DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HP, HU, ID, IL, IN, IS,				
	JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK,				
	MX, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ,				
	TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, BG, KZ,				
	MD, RU, TJ, TM				
	RW: GH, GM, HE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,				
	DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BG, CF,				
	CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
PRAI	WO 1999-EP10347	W	19991223		
	GB 2000-11425	A	20000312		
	GB 1998-28785	A	19981230		

L9 ANSWER 2 OF 22 CAPLUS COPYRIGHT 2001 ACS
AN 2001:435290 CAPLUS
DN 135:16344
TI Method and device for the handling of samples and reagents
IN Malmquist, Mats
PA Alphahelix AB, Swed.

SO PCT Int. Appl., 20 pp.

CODEN: PIMXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FI	WO 2001042487	A2	20010614	WO 2000-SE2448	20001206
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DF, DM, DZ, EE, ES, FI, GE, GD, GE, CH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NZ, PL, PT, RO, RU, SE, SG, SI, SK, SL, TC, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AE, BY, FG, KZ, ME, RU, TJ, TM			
	FW:	GB, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GE, GR, IE, IT, LU, MC, NL, PT, SE, TF, BF, BG, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
PRAI	SE 1999-439	A	19991210		

L9 ANSWER 3 OF 12 CAPLUS COPYRIGHT 2001 ACS

AN 2001:593104 CAPLUS

DN 135:149571

TI Pressure-enhanced extraction and purification

IN Laugharn, James A., Jr.; Hess, Robert A.; Tao, Feng

FA BEI Biosseq, Inc., USA

SO U.S., 26 pp., Cont.-in-part of U.S. 6,111,096.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FI	US 6074731	B1	20 10814	US 1994-16162	19980130
	US 6111036	A	20000429	US 1997-961280	19971031
	US 6120947	A	20000419	US 1998-83651	19980522
	WO 9422864	A1	19990814	WO 1998-US3141	19981130
	W:	AL, AM, AT, AU, AC, BA, BB, BG, BE, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GE, GH, GM, HE, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MH, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AE, BY, FG, KZ, MD, RU, TJ, TM			
	FW:	GB, GM, KE, LS, MW, SD, SE, SG, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BG, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	AU 6012936	A1	19990524	AU 1999-12936	19981030
	EP 1427161	A1	20000816	EP 1998-956405	19981030
	R:	AT, BE, CH, DE, DK, ES, FR, GR, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI			
PRAI	US 1997-9622-0	A2	19971031		
	US 1998-16060	A2	19980130		
	US 1998-83651	A	19980522		
	WO 1998-US23141	W	19981130		

RE.CNT 27

RE

(1) Anon; EP 0127400 1994 CAPLUS

(2) Anon; WO 9731105 1997 CAPLUS

(6) Boyle, J; Trans Genet 1995, Vol 11, Pt CAPLUS

(9) Carter, M; Nucleic Acids Research 1995, Vol 23, Pt 14, P1044 CAPLUS

(10) Cathcart; US 6346999 1994 CAPLUS

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 4 OF 22 CAPLUS COPYRIGHT 2001 ACS
 AN 2000:646184 CAPLUS
 DN 183:233562
 TI A filter paper and process for the storage and rapid purification of nucleic acid
 IN Smith, Martin A.; Iyer, Mridula; Qu, Daqing; Davis, James C.
 PA Whatman, Inc., USA
 SO PCT Int. Appl., 84 pp.
 CODEN: PIXXD1
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FI	WO 2000091307	A1	20000914	WO 1999-US21557	19990917
	W:		AE, AL, AM, AT, AU, AZ, BA, BB, BG, BE, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, ST, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, BG, BL, BR, BU, BU, BU, BU		
	EW:		GR, GM, HR, IS, MW, SO, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG		
	AU 9960481	A1	20000913	AU 1998-60481	19990917
	US 2001007746	A1	20010712	US 1998-398625	19990918
	US 2001011142	A1	20010418	US 2000-725627	20001130
FFAI	US 1999-12399	P	19990911		
	US 1999-130718	P	19990422		
	WO 1999-US21557	W	19990917		
	US 1999-398625	A3	19990918		
	US 2000-607548	A1	20000913		

RE.CNT 6

RE

- (1) Anderson; US 5922891 A 1999
- (2) Harvey; US 5939259 A 1999 CAPLUS
- (3) Immunological Associates of Denver; WO 9846797 A1 1993 CAPLUS
- (5) Panteleeff; Journal of Clinical Microbiology 1999, V37(2), P350 CAPLUS
- (6) Southgate; US 5868801 A 1999 CAPLUS

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 5 OF 22 CAPLUS COPYRIGHT 2001 ACS
 AN 2000:475769 CAPLUS
 DN 183:88106
 TI Integrated lysis/chromatography matrix method for isolation of nucleic acids, especially plasmids from bacteria
 IN Blakesley, Robert W.
 PA Life Technologies, Inc., USA
 SO PCT Int. Appl., 40 pp.
 CODEN: PIXXD1
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FI	WO 2000048687	A1	20000718	WO 1999-US106	20001106
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BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, HE, LS, MW, SD, SL, SZ, TG, UG, ZW, AT, BE, CH, CY, DE,
 DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,
 CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

PPAI US 1999-114868 P 19990106

FE.CNT 3

FE

- (1) Anon; PROMEGA CATALOG 1991-1994, P141
- (2) Anon; STRATAGENE CATALOG 1988, P39
- (3) Henco; US 5057426 A 1991 CAPLUS

L4 ANSWER 6 OF 21 CAPLUS COPYRIGHT 2001 ACS

AN 2000401998 CAPLUS

IN 193:7347

TI Rapid and efficient method for isolating **nucleic acids**
 from any complex starting material without use of chaotropic salts

IN Hill-Brand, Timo; Benzke, Peter

EA Invitex G.m.b.H., Germany

SO PCT Int. Appl., 49 pp.

CODEN: PINXDE

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
BT	WO 200034463	A1	20000615	WO 1999-DE2248	19990723
	W:				
	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DK,				
	EE, ES, FI, GB, GE, GR, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP,				
	KR, KZ, LC, LF, LG, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO,				
	NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA,				
	UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, HE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK,				
	ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG,				
	CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	DE 19856064	A1	20000629	DE 1998-19856064	19981204
	DE 19856064	C2	20001130		
	AU 6961862	A1	20000626	AU 1999-61862	19990727
PPAI	DE 1998-19856064	A	19981204		
	WO 1999-DE2248	W	19990723		

FE.CNT 7

FE

- (1) Arthur, O; US 5693795 A 1997 CAPLUS
 - (2) Becton Dickinson Co; EP 0612707 A 1992 CAPLUS
 - (3) Becton Dickinson Co; EP 0648776 A 1995 CAPLUS
 - (4) Peter, B; WO 9134869 A 1991 CAPLUS
 - (5) Talent SRL; EP 0376080 A 1990 CAPLUS
- ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 7 OF 21 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 1

AN 2000364124 BIOSIS

DN PREVIEW000364224

TI Voltage-induced release of **nucleic acids** from
 palaeontological samples.

AV Bachmann, Lutz (1); Scholz, Michael; Brogmann, Martina; Siddings, Ian;
 Busch, Carsten M.

CO (1) Britsker Laboratory for Molecular Systematics and Evolution, The
 Field

Museum, 1400 South Lake Shore Drive, Chicago, IL, 60605-2496 USA

SO Electrophoresis, May, 2000 Vol. 21, No. 5, pp. 1498-1499. print.
 ISSN: 1173-1335.

DT Article

LA English
SL English

L9 ANSWER 9 OF 22 MEDLINE DUPLICATE 2
AN 2000114039 MEDLINE
DN 20114139 PubMed ID: 10649779
TI High-throughput method for isolating plasmid DNA with reduced
lipopolysaccharide content.
AU Heidecker F; Grimm S
CS Max-Planck-Institute for Biochemistry, Martinsried, Germany.
SO BIOTECHNIQUES, (2000 Jan) 28 (1) 107-9.
Journal code: AN3; 8306785. ISSN: 0736-6205.
CY United States
BT Report; (TECHNICAL REPORT)
LA English
EP Priority Journals
EM 199902
EO Entered STN: 20000229
Last Updated on STN: 20000229
Entered Medline: 20000215

L9 ANSWER 9 OF 22 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 3
AN 2001119659 BIOSIS
DN PREV.2000119659
TI High-throughput method for isolating plasmid DNA with reduced
lipopolysaccharide content.
AU Heidecker, Frank; Grimm, Stefan (1)
CS (1) Max-Planck-Institute for Biochemistry, Am Kopferspitz 18a, 82152,
Martinsried Germany
SO Biotechniques, (Jan., 2000) Vol. 28, No. 1, pp. 106-108.
ISSN: 0736-6205.
BT Article
LA English
SL English

L9 ANSWER 10 OF 12 CAPLUS COPYRIGHT 2001 ACS
AN 1999:064162 CAPLUS
DN 192:041
TI Rapid and simple process for isolation of circular **nucleic
acids**
IN Jauer, Philippe; Wang, Jie
FA Qiagen G.m.b.H., Germany
SO PCT Int. Appl., 32 pp.
CODEN: PIXXD2
BT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	WO 99061603	A1	19991202	WO 1999-EP3660	19990527
	W: JP, US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	EP 969090	A1	20000105	EP 1998-109493	19980527
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	EP 1088064	A1	20000404	EP 1998-036037	19980527
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
FRAT	EP 1998-109493	A	19980527		
	WO 1999-EP3660	W	19990527		

RE.CNT 4

RE

- (1) Carter, M; NUCLEIC ACIDS RESEARCH 1993, V21(4), P1044 CAPLUS
- (2) Marko, M; ANALYTICAL BIOCHEMISTRY 1982, V121(2), P382 CAPLUS
- (3) Qiagen GMBH; WO 9501359 A 1995 CAPLUS
- (4) Therexsys Ltd; WO 9729190 A 1997 CAPLUS

=> FIL MEDLINE

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

61.95

62.25

FILE 'MEDLINE' ENTERED AT 08:44:20 ON 07 SEP 2001

FILE LAST UPDATED: 6 SEP 2001 (20010906/UP). FILE COVERS 1958 TO DATE.

On April 22, 2001, MEDLINE was reloaded. See HELP RLOAD for details.

MEDLINE now contains IN-PROCESS records. See HELP CONTENT for details.

MEDLINE is now updated 4 times per week. A new current-awareness alert frequency (EVERYUPDATE) is available. See HELP UPDATE for more information.

MEDLINE thesauri in the /CN, /CT, and /MN fields incorporate the MeSH 2001 vocabulary. Enter HELP THESAURUS for details.

The OLDMEDLINE file segment now contains data from 1958 through 1965. Enter HELP CONTENT for details.

Left, right, and simultaneous left and right truncation are available in the Basic Index. See HELP SFIELDS for details.

THIS FILE CONTAINS CAS REGISTRY NUMBERS FOR EASY AND ACCURATE SUBSTANCE IDENTIFICATION.

=> E BAVYKIN S G/AU 25

E1	1	BAVJUZHAV O/AU
E2	4	BAVYKIN S/AU
E3	25 -->	BAVYKIN S G/AU
E4	7	BAVYKINA E A/AU
E5	1	BAVYKINA E K/AU
E6	1	BAVYKINA M V/AU
E7	1	BAVYKINA N B/AU
E8	1	BAVYKINA N I/AU
E9	1	BAVYKINAEA/AU
E10	1	BAW S/AU
E11	1	BAW S L/AU
E12	2	BAWA A A/AU
E13	3	BAWA A S/AU
E14	2	BAWA B/AU
E15	1	BAWA BHALLA K S/AU
E16	1	BAWA D/AU
E17	4	BAWA E K/AU
E18	3	BAWA G F/AU
E19	2	BAWA G S/AU
E20	3	BAWA K S/AU
E21	1	BAWA M S/AU
E22	1	BAWA M T/AU
E23	6	BAWA N/AU
E24	47	BAWA P/AU

E25 1 BAWA P S/AU

=> S (E3)

L10 25 ("BAVYKIN S G"/AU)

=> DIS L10 1- TI

YOU HAVE REQUESTED DATA FROM 25 ANSWERS - CONTINUE? Y/(N):Y

L10 ANSWER 1 OF 25 MEDLINE

TI Portable system for microbial sample preparation and oligonucleotide
microarray analysis.

L10 ANSWER 2 OF 25 MEDLINE

TI DNA-protein cross-linking applications for chromatin studies in vitro and
in vivo.

L10 ANSWER 3 OF 25 MEDLINE

TI Zero-length protein-nucleic acid crosslinking by radical-generating
coordination complexes as a probe for analysis of protein-DNA
interactions
in vitro and in vivo.

L10 ANSWER 4 OF 25 MEDLINE

TI Nucleosome structural transition during chromatin unfolding is caused by
conformational changes in nucleosomal DNA.

L10 ANSWER 5 OF 25 MEDLINE

TI Chromatin studies by DNA-protein cross-linking.

L10 ANSWER 6 OF 25 MEDLINE

TI Alterations in nucleosome core structure in linker histone-depleted
chromatin.

L10 ANSWER 7 OF 25 MEDLINE

TI [Heterogeneity of the structural organization of the chromatin domain
including the dihydrofolate reductase gene in Chinese hamster ovary cell
culture].
Geterogenost' strukturnoi organizatsii khromatina domena,
vkluchaiushchego gen digidrofolatreduktazy, v kul'ture kletok iachnikov
kitaiskogo khomiachka.

L10 ANSWER 8 OF 25 MEDLINE

TI Rearrangement of the histone H2A C-terminal domain in the nucleosome.

L10 ANSWER 9 OF 25 MEDLINE

TI Structure of nucleosomes and organization of internucleosomal DNA in
chromatin.

L10 ANSWER 10 OF 25 MEDLINE

TI Mapping DNA-protein interactions by cross-linking.

L10 ANSWER 11 OF 25 MEDLINE

TI [Comparison of the primary structure of reconstructed minimal nucleosomes
and nucleosomes isolated from the chromatin].
Sravnenie pervichnoy organizatsii rekonstruirovannykh i vydelennykh iz
khromatina minimal'nykh nukleosom.

L10 ANSWER 12 OF 25 MEDLINE

TI [Structure of nucleosomes and organization of inter-nucleosomal DNA in
chromatin].
Struktura nukleosom i organizatsiia mezhnukleosomnoi DNK v khromatine.

- L10 ANSWER 13 OF 25 MEDLINE
 TI Primary organization of nucleosomal core particles is invariable in repressed and active nuclei from animal, plant and yeast cells.
- L10 ANSWER 14 OF 25 MEDLINE
 TI [Primary organization of nucleosome core particles in active and repressed nuclei].
 Pervichnaia organizatsiia minimal'nykh nukleosom aktivnykh i repressirovannykh iader.
- L10 ANSWER 15 OF 25 MEDLINE
 TI Structure of nucleosomes, chromatin, and RNA polymerase-promoter complex as revealed by DNA-protein cross-linking.
- L10 ANSWER 16 OF 25 MEDLINE
 TI Alignment of nucleosomes along DNA and organization of spacer DNA in *Drosophila* chromatin.
- L10 ANSWER 17 OF 25 MEDLINE
 TI Stability of the primary organization of nucleosome core particles upon some conformational transitions.
- L10 ANSWER 18 OF 25 MEDLINE
 TI [Interaction of histones with DNA in chromatin. A new method of covalent binding of histones to DNA available for their localization on DNA].
 Vzaïmodeistvie gistonov s DNK v khromatine. Novyi metod kovalentnogo svyazyvaniia gistonov s DNK, udobnyi dlia ikh lokalizatsii na DNK.
- L10 ANSWER 19 OF 25 MEDLINE
 TI The method of crosslinking histones to DNA partly depurinated at neutral pH.
- L10 ANSWER 20 OF 25 MEDLINE
 TI Primary organization of nucleosomes containing all five histones and DNA 175 and 165 base-pairs long.
- L10 ANSWER 21 OF 25 MEDLINE
 TI Primary organization of the nucleosome core particles. Sequential arrangement of histones along DNA.
- L10 ANSWER 22 OF 25 MEDLINE
 TI Primary organization of nucleosomes and its functional implications.
- L10 ANSWER 23 OF 25 MEDLINE
 TI [Primary organization of nucleosomes: order of histone arrangement on DNA].
 Pervichnaia organizatsiia nukleosomy: poriadok raspolozheniia gistonov na DNK.
- L10 ANSWER 24 OF 25 MEDLINE
 TI Primary organization of nucleosome core particle of chromatin: sequence of histone arrangement along DNA.
- L10 ANSWER 25 OF 25 MEDLINE
 TI The structure of nucleosomes: the arrangement of histones in the DNA grooves and along the DNA chain.

=> E SERGEI GB/AU 25

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E2	1	SERGEEV V R/AU
E3	0 -->	SERGEI GB/AU
E4	2	SERGEI O I/AU
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E8	2	SERGEICHIK O I/AU
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E11	15	SERGEICHUK M G/AU
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E14	1	SERGEIEN A A/AU
E15	1	SERGEIEN N A/AU
E16	1	SERGEIENVA P A/AU
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E22	4	SERGEIKH N P/AU
E23	1	SERGEJ E/AU
E24	1	SERGEJEV A M/AU
E25	1	SERGEJEN I S/AU

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E12	1	AKFA A AU
E13	1	AKFA A V/AU
E14	1	AKFA E AU
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E17	6	AKFABIO S P/AU
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E20	1	AKFAETI I J/AU
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E23	3	AKPAGANA P/AU
E24	1	AKPAGHER E M/AU
E25	1	AKPAIDEM M/AU

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L11 2 ("AKOWSKI J P" AU)

=> DIS L11 1- IBIF

YOU HAVE REQUESTED DATA FROM 1 ANSWERS - CONTINUED E N 11

L11 ANSWER 1 OF 2 MEDLINE

ACCESSION NUMBER: 2001381359 MEDLINE
 DOCUMENT NUMBER: 21091989 PubMed ID: 11187263
 TITLE: Portable system for microbial sample preparation and oligonucleotide microarray analysis.
 AUTHOR: Bavykin S G; **Akowski J P**; Zakhariev V M; Barsky V E; Perov A N; Mirzabekov A D
 CORPORATE SOURCE: BioChip Technology Center, Argonne National Laboratory, Argonne, Illinois 60439, USA.
 SOURCE: APPLIED AND ENVIRONMENTAL MICROBIOLOGY, (2001 Feb) 67 (2) 322-8.
 Journal code: 6K6; 7605801. ISSN: 0099-2240.
 PUB. COUNTRY: United States
 (EVALUATION STUDIES)
 Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 ENTRY MONTH: 200107
 ENTRY DATE: Entered STN: 20010709
 Last Updated on STN: 20010709
 Entered Medline: 20010705

L11 ANSWER 2 OF 2 MEDLINE
 ACCESSION NUMBER: 1998061296 MEDLINE
 DOCUMENT NUMBER: 98062296 PubMed ID: 9398312
 TITLE: Steady-state kinetics and inhibitor binding of 3-deoxy-D-arabino-heptulosonate-7-phosphate synthase (tryptophan sensitive) from Escherichia coli.
 AUTHOR: **Akowski J P**; Bauerle R
 CORPORATE SOURCE: Department of Biology, University of Virginia, Charlottesville, Virginia 22903-2477, USA.
 CONTRACT NUMBER: GM38884 (NIGMS)
 SOURCE: BIOCHEMISTRY, (1997 Dec 16) 36 (50) 15817-22.
 Journal code: A93; 0870623. ISSN: 0006-2960.
 PUB. COUNTRY: United States
 Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 ENTRY MONTH: 199801
 ENTRY DATE: Entered STN: 19980206
 Last Updated on STN: 19980206
 Entered Medline: 19980127

=> FILE STNGUIDE

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FULL ESTIMATED COST

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FULL ESTIMATED COST

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64.95

FILE 'MEDLINE' ENTERED AT 08:49:39 ON 07 SEP 2001

FILE LAST UPDATED: 6 SEP 2001 (20010906/UP). FILE COVERS 1956 TO DATE.

On April 22, 2001, MEDLINE was reloaded. See HELP RLOAD for details.

MEDLINE now contains IN-PROCESS records. See HELP CONTENT for details.

MEDLINE is now updated 4 times per week. A new current-awareness alert frequency (EVERYUPDATE) is available. See HELP UPDATE for more information.

MEDLINE thesauri in the /CN, /CT, and /MN fields incorporate the MeSH 2001 vocabulary. Enter HELP THESAURUS for details.

The OLDMEDLINE file segment now contains data from 1956 through 1965. Enter HELP CONTENT for details.

Left, right, and simultaneous left and right truncation are available in the Basic Index. See HELP SFIELDS for details.

THIS FILE CONTAINS CAS REGISTRY NUMBERS FOR EASY AND ACCURATE SUBSTANCE IDENTIFICATION.

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(FILE 'HOME' ENTERED AT 08:37:03 ON 17 SEP 2001)

FILE 'BIOBIS, MEDLINE, EMPASE, LIFESCI, CAPUS' ENTERED AT 08:37:58 ON
07 SEP 2001

L1 109363 S NUCLEIC ACIDS OR GENETIC MATERIAL
L2 1193 4 S CELL DISRUPTION OR LYSIS
L3 224274 S IMMOBILIZE OR IMMOBILIZI
L4 795 S L1 AND L2
L5 19 S L4 AND L3
L6 10 DUP REM L5 (9 DUPLICATES REMOVED)
L7 396546 S SILICA
L8 18 S L4 AND L7
L9 12 DUP REM L8 (6 DUPLICATES REMOVED)

FILE 'MEDLINE' ENTERED AT 08:44:20 ON 07 SEP 2001
E BANYKIN S G/AU 25
L10 15 S (E3)
E SERGHI GB/AU 25
E AKOWSKI JP/AU 25
L11 2 S (E2)

FILE 'STNGUIDE' ENTERED AT 08:49:00 ON 07 SEP 2001

FILE 'MEDLINE' ENTERED AT 08:49:39 ON 07 SEP 2001

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---Logging off of STN---

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Executing the loadif script...

=> LOG Y

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FULL ESTIMATED COST

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68.28

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